COMPACT disc DIGITAL AUDIO

LASER DISC

Artistry in Sound

ONKYO

DX-V801

Optical AV Disc Player

Instruction Manual

• Congratulations on your purchase of the ONKYO DX-V801 Optical AV Disc Player. • Please read this manual thoroughly before making connections and turning power on. • Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new DX-V801. • Please retain this manual for future reference.

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Features

- **Plays All 5 Disc Formats**
  With front-loading drawer, the DX-V801 is designed to deliver the maximum performance from every 12" & 8" laser video disc, 5" CD video disc, 5" compact disc, and 3" compact disc.
- **Both-Side Laser Disc Play**
  Unlike many laserdisc/CD players on the market today, the DX-V801 automatically plays both sides of the laser disc – so you no longer have to interrupt your movie enjoyment and get up to flip the disc (max. 2 hrs. play for CLD).
- **Superior Picture Performance**
  Video enthusiasts will appreciate the 425-line horizontal resolution and signal-to-noise ratio of up to 49dB, which outperforms by far conventional VCR movies or off-the-air recordings.
- **Center Mechanism Design**
  The pickup-carriage assemble, spindle motor and alpha-turn mechanism are in the center of the housing, which not only makes possible both-side laser disc play, but also provides more stability and reduces unwanted resonance. The result is more accurate signal reproduction – and that means superb video and audio performance.
- **Memory Stop: Lets you interrupt your movie and automatically return to the spot where you left off with one touch of the PLAY button.**
- **8-Second Intro Scan: Reviews the first 8 seconds of each LD chapter and CD/CDV tracks.**
- **Programmable Play: 24 chapters on both LD sides and 24 tracks on CDs and CDVs.**
- **Random Play: Randomly play all CD/CDV tracks and all LD chapters on an LD (one side) with TOC (Table of Contents) codes.**
- **7-Mode Repeat: 2-point, chapter/track, one-side, both sides, memory, program and random**
- **2 A/V Outputs: For audio systems and TV monitor.**
- **On-Screen Display: 24 chapters × 10 lines.**

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT NOTICE

[For U.S. and Canadian models]

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PRÉVENIR LES CHOCS ÉLECTRIQUES NE PAS UTILISER CETTE FICHE POLARISÉE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ÊTRE INSÉRÉES À FOND SANS EN LAISSER AUCUNE PARTIE À DECOUVERT.

IMPORTANT

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS – All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS – The safety and operating instructions should be retained for future reference.

HEED WARNINGS – All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

CLEANING – Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

ATTACHMENTS – Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

WATER AND MOISTURE – Do not use this video product near water – for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool, and the like.

ACCESSORIES – Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

CART – An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

VENTILATION – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface. This video product should never be placed near or over a radiator or heat register. This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

POWER SOURCES – This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

POWER-CORD PROTECTION – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION – This video product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

LIGHTNING – For added protection for this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.

POWER LINES – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuit. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

OVERLOADING – Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

OBJECT AND LIQUID ENTRY – Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

SERVICING – Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

DAMAGE REQUIRING SERVICE – Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power-supply cord or plug is damaged.

b. If liquid has been spilled, or objects have fallen into the video product.

c. If the video product has been exposed to rain or water.

d. If the video product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.

e. If the video product has been dropped or the cabinet has been damaged.

f. When the video product exhibits a distinct change in performance – this indicates a need for service.

REPLACEMENT PARTS – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

SAFETY CHECK – Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

OUTDOOR ANTENNA GROUNDING – If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.

In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See Fig. A.

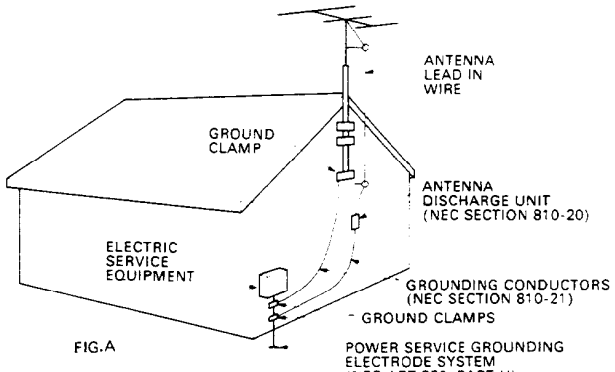

ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

FIG.A

NEC – NATIONAL ELECTRICAL CODE

INFORMATION TO USER [FOR U.S. MODEL]

This equipment generates and uses radio frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna.
- relocate this equipment with respect to the receiver.
- move this equipment away from the receiver.
- plug this equipment into a different outlet so that the equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:
"How to Identify and Resolve Radio-TV Interference Problems."
This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

The above instructions apply only to units which will be operated in the United States.

CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

■ This player may be used with LaserVision Discs, Compact Discs, and Compact Discs with Video bearing the following symbols:

(LASERDISC SYSTEM)/(LaserVision Disc)*

LASER DISC LaserVision

This is the unified symbol mark of LASERDISC (LaserVision videodisc).

* LaserVision players and discs which bear this symbol and use the same television system are mutually compatible.

(Compact Disc)

COMPACT disc DIGITAL AUDIO

(CD VIDEO SYSTEM)**

CD VIDEO

LD CD VIDEO

(3-inch Compact Disc)

SINGLE

**A Digital Sound with Multi Audio Disc (CD VIDEO CDV) are referred to as CD Video discs. CD Video discs are recorded with subcodes, which are the non-audio recordings of TOC data such as track numbers, index numbers, etc. However, there are some discs without these marks.

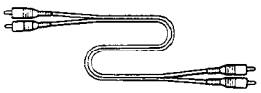
[For Canadian model]

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Only one disc can be loaded at any one time. Loading a LaserVision Disc, a Compact Disc, a 3" Compact Disc or a Compact Disc with Video on top of one another may result in breakdown, or in scratching of the discs. Please only load one disc at a time.

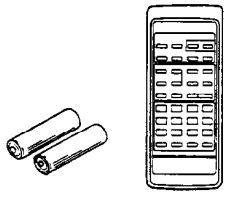
This player is to be used exclusively with the NTSC color system. Please use NTSC LaserVision Disc or NTSC Compact Disc with Video only. PAL and SECAM system discs cannot be used with this player.

Supplied accessories



Audio cord × 1

Video cord × 1



Remote control transmitter × 1
Batteries × 2

Precautions

If it becomes necessary to transport or ship this unit in the future, be sure to first remove the disc (if present), retract the disc table to its closed position, turn the power off, and, after the "OFF" indicator stops blinking on the display, disconnect the power cord.

INSTALLING THE PLAYER

- Place the player on a stable platform next to the television and stereo system to be used with the player.
- When using the player with a stereo system, your speakers should be placed away from your television (or TV monitor).
- Do not place heavy objects such as a television or TV monitor on top of the player.
- Do not place the player on top of your TV set or TV monitor. Also, keep the player away from devices such as cassette decks which are sensitive to magnetic fields.

When FM or AM stations are being received, signal noise may be generated if the player is turned on. Turn off the player when not in use. Also, if there is signal noise when receiving radio stations with an indoor antenna, adjust the position or direction of the antenna.

INSTALL THE PLAYER IN A WELL VENTILATED PLACE AWAY FROM HEAT AND HUMIDITY

Do not install the player in a location subject to direct sunlight, or near a stove or radiator etc. This could adversely affect the cabinet and internal components. Also avoid installing the player in a humid or dusty location. This could result in a malfunction or accident. Do not install near a cookstove where the player could be affected by smoke, steam, or heat.

AVOID SOURCES OF HEAT

Do not put the player on sources of heat, such as an amplifier. When installing with audio components on a rack, avoid components that generate heat, by placing the player below such components where there is adequate ventilation and not much dust. Avoid placing the player on surfaces such as shaggy carpets, beds, and sofas which may block ventilation under the player and cause damage.

CAUTIONS FOR AUTOMATIC LOADING OPERATIONS

Since this player has an automatic loading construction, use the button on the player or the remote control for opening and closing of the disc table. To avoid damage, be careful not to apply any force to the moving disc table.

STRIPE PATTERNS APPEARING ON A TV PROGRAM

Stripe patterns may appear during a TV program if the player unit is turned on, depending on the quality of reception of the TV station. This is neither a malfunction of the television nor the player. If stripes appear while watching the TV, or when watching the TV for long periods of time, turn the player off.

CONDENSATION

Moisture will form in the operating section of the player if the player is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the player's performance will be impaired.
To prevent this, let the player stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

The same symptoms of condensation may be caused during summer, if the player is exposed to the breeze from an air conditioner. In such cases change the location of the player.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

CLEANING CARE

Use a soft, dry cloth for cleaning. For stubborn dirt, soak the cloth in a weak detergent solution; wring well first and wipe. Use a dry cloth to wipe it dry. Do not use any volatile agents such as benzene or paint thinner, as it may damage the surface of the player.

Types of discs that can be played with this unit

This unit is a CD VIDEO SYSTEM (*1) compatible player which can play CDs, CDV discs, and LDs.
The five disc types listed in the table below can be played with this unit.
* The marks shown in the left column are printed on the labels and jackets of the corresponding discs.

Mark	Disc	Size	Number of recorded sides	Audio recording system	Video recording system	Other
COMPACT disc DIGITAL AUDIO	CD (Compact Disc) Single	3-inch	One side	Digital (20 minutes max.)		TOC (*2)
	CD (Compact Disc)	5-inch	One side	Digital (74 minutes max.)		TOC
CDV CD VIDEO	CDV (CD with Video)	5-inch	One side	Digital (20 minutes max.)	CLV (*3) (5 minutes max.)	TOC
LD CD VIDEO	CD VIDEO LD (*4)	12-inch, 8-inch	Two sides, one side	Digital/analog	CAV (*5) CLV	TOC
LASER DISC LaserVision	LD (LASERDISC/ LaserVision Disc)	12-inch, 8-inch	Two sides, one side	Digital/analog (*6) or analog only	CAV, CLV	

* There are some discs marked with the LD mark instead of the CD VIDEO mark.
** There are some discs without the CD VIDEO LD mark.

LD GLOSSARY

Chapter number
Chapter numbers are used to indicate the boundaries of the sections on a disc, similar to the "chapters" in a book.
If chapter numbers are recorded on a disc, it is so indicated on the jacket of the disc, etc. Chapter numbers can be used to search for desired chapters (Chapter Search).

Frame number
Frame numbers are the numbers assigned to each picture frame on a CAV (standard play) disc. Frame numbers can be used to search for desired frames (Frame Search).

Time number
Time numbers indicate the time elapsed from the beginning of a CLV (extended play) disc. Time numbers can be used to search for desired scenes (Time Search).

CDV/CD GLOSSARY

Track number
Track numbers indicate the boundaries of the sections, or "tracks", on a disc. Track numbers are assigned consistently throughout the audio part and video part of a disc. Track numbers can be used to search for desired tracks (Track Search).

TOC (*2)
Every CD/CDV-type disc is provided with a section called TOC (Table Of Contents) at the beginning of the disc. The TOC section is just like the table of contents of a book, and contains information on the contents (number of tracks, playing time, etc.)of the disc.
- Some LD discs are also provided with a TOC section.

CD VIDEO SYSTEM (*1)

The CD VIDEO SYSTEM is the standard name for the "optical video disc with digital audio" system that encompasses both LDs and CDV discs.
The following mark is the standard mark for the CD VIDEO SYSTEM and is found on all players and discs which conform to the CD VIDEO SYSTEM format.
The following systems are included in the CD VIDEO SYSTEM:

CD VIDEO

- CDV (CD VIDEO CDV) discs
- LaserVision Discs (CD VIDEO LDs) containing digital sound with sub-codes
- Compatible players which can play CDs and CDV discs
- Compatible players which can play CDs, CDV discs, and LDs

CD VIDEO LDs (*4)
A CD VIDEO LD is an LD with digital audio which is encoded with sub-codes (data such as TOC and track number data, excluding audio and video signals).

LDs (LASERVISION DISCS)

With this unit, only play LaserVision discs which bear the following mark.

This mark is the standard mark for LaserVision video discs.
Players and discs which bear the LaserVision mark are mutually compatible as long as they conform to the same television system.
Two types of standard LaserVision disc are available — standard play (CAV) (*5) discs and extended play (CLV) (*3) discs — which differ with respect to their signal recording systems.

CAV (*5) DISCS

The jackets and labels of these discs are marked with a "Standard Play Disc CAV" or "Standard Play" indication.

Frames are recorded on these discs at a ratio of one frame per disc revolution, and the discs are played at a fixed rotational speed (CAV = Constant Angular Velocity) of 1,800 rpm. This system is well suited to special playback modes such as still frame playback and multi-speed playback. One side of a CAV disc can have a playback time of up to 30 minutes (for a 12-inch disc), which is equivalent to 54,000 frames. Each frame — from frame 1 to frame 54,000 — is encoded with its own frame number.

* Playback time varies according to the contents of the disc.

CLV (*3) DISCS

The jackets and labels of these discs are marked with a "Extended Play Disc CLV" or "Extended Play" indication.

Signals are recorded on these discs at a constant linear velocity (CLV), and the rotational speed during playback varies from 1,800 rpm for the innermost track to 600 rpm for the outermost track. As a result, one side of a CLV disc can have a playback time of up to 60 minutes (for a 12-inch disc), which is twice as long as a standard play (CAV) disc. CLV discs are encoded with time numbers which correspond to the elapsed play time from the beginning of the disc.

* Playback time varies according to the contents of the disc.

LASERVISION DISCS WITH DIGITAL AUDIO (*6)

The jackets and labels of these discs bear the following mark.

These are LaserVision discs which contain digital audio signals in addition to conventional analog audio signals. This feature allows the high image quality of LaserVision discs to be enjoyed together with the superior quality of digital sound. The digital and analog audio signals are recorded on the disc using different frequency bands.

LASERVISION MULTI AUDIO DISCS WITH DIGITAL AUDIO

The jackets and labels of these discs bear the following mark.

These are LaserVision discs in which the recorded digital and analog audio signals differ in content. This allows the user to enjoy two different audio soundtracks by switching between the digital and analog sound.

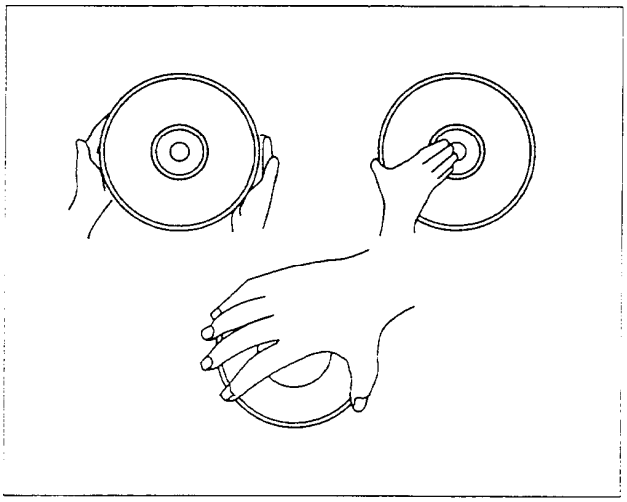
CDV (COMPACT DISC WITH VIDEO) DISCS

These are compact discs which also contain video signals.
Of the total 25-minute playback time of a CDV disc, 20 minutes is encoded with conventional CD digital audio signals (the "audio part"). The remaining 5 minutes is encoded with both video and digital audio signals (the "video part"). During normal playback, the video part is played first, followed by the audio part.

Handling discs

How to hold discs

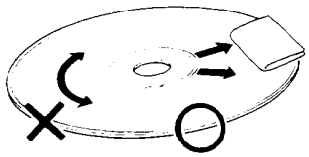
When loading or removing discs, try not to touch their playing surfaces.



Cleaning

Fingerprints or other dirt on the disc may affect sound and picture quality.

To clean your discs, use a soft clean cloth to wipe them. If necessary, moisten a soft cloth with diluted neutral detergent to remove heavy dirt of fingerprints.



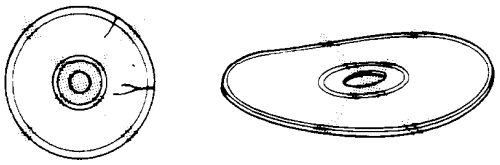
Do not wipe in a circular direction

Gently wipe from the inside toward the outer edge

Discs may not be cleaned with record cleaning sprays, or static prevention sprays, etc. Also, do not use volatile liquids such as benzene, or thinner, etc.

NEVER PLAY CRACKED OR WARPED DISCS

The disc revolves on the player at a high speed when it is played. Never play a cracked, scratched or warped disc. This may damage the player or cause it to malfunction.



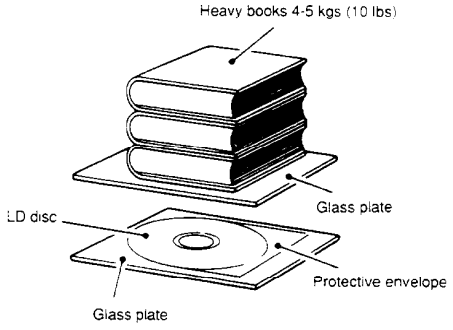
After using discs, store them upright

After playing a disc, always remove it from the player and return it to its jacket. Then store it standing upright away from heat and humidity.

- Store discs carefully. If you store discs at an angle, or stacked on top of each other, discs may become warped even when in their jackets.
- Do not leave discs in locations such as the seat of car, which may become excessively hot.

If an LD disc is warped

If an LD disc is warped, put the disc into its protective envelope, and then place it between two flat plates of glass.
Then place heavy books on top of the plates so that approximately 4 to 5 kgs (10 lbs) is applied. Leave the disc like this for a day or so. This may correct the warp.



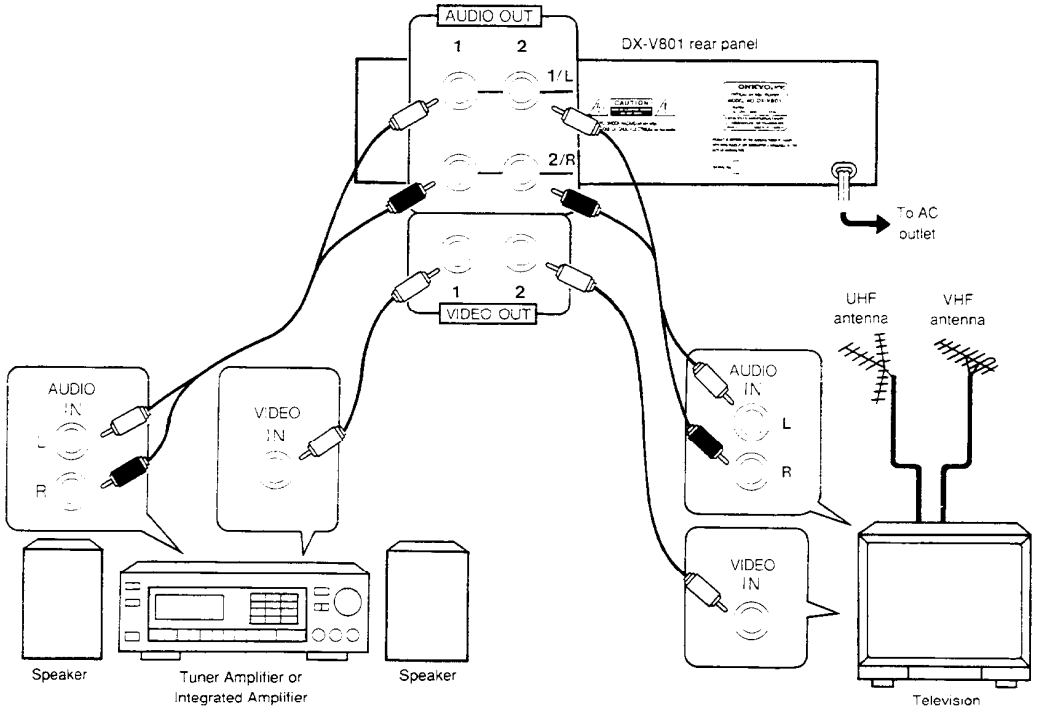
CAUTION WHEN USING THE DISC

All rights reserved.
Unauthorized public performance, broadcasting or copying is a violation of applicable laws.

System connections

Only televisions equipped with a video input can be connected to this unit.
When using an AV television (or monitor TV) equipped with video and audio jacks

- Connect the power cord after all other connections have been completed.
  When the power cord is connected to an AC outlet, power is supplied to the unit's internal memory (such as last memory) even when POWER switch is STANDBY. Therefore, be sure to connect the power cord directly to a wall outlet. If the power cord is connected to an outlet such as a switched outlet on an amplifier, the various memory contents will be erased whenever the amplifier's power switch is turned off.



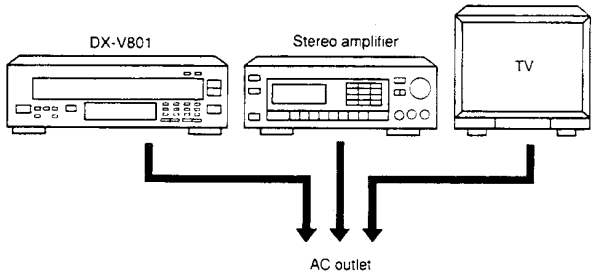
Making connections

① Connect VIDEO OUT jack of this unit to the video input jack of the AV television (or monitor TV).
② Connect AUDIO OUT jacks of this unit to the appropriate audio input jacks (AUX, CD, VDP, LD, VCR, etc.) of your tuner amplifier or stereo amplifier. (However, be careful not to connect to the amplifier's PHONO jacks.)
- Although it is possible to connect AUDIO OUT jacks of this unit to the audio input jacks of your TV to use the TV's speakers for audio playback, connecting to a stereo amplifier will allow you to take better advantage of the excellent sound quality provided by compact discs and LaserVision discs.

③ Connect the power cord to an AC wall outlet.

Connect the power cords of this unit and other components in the system to an AC wall outlet.

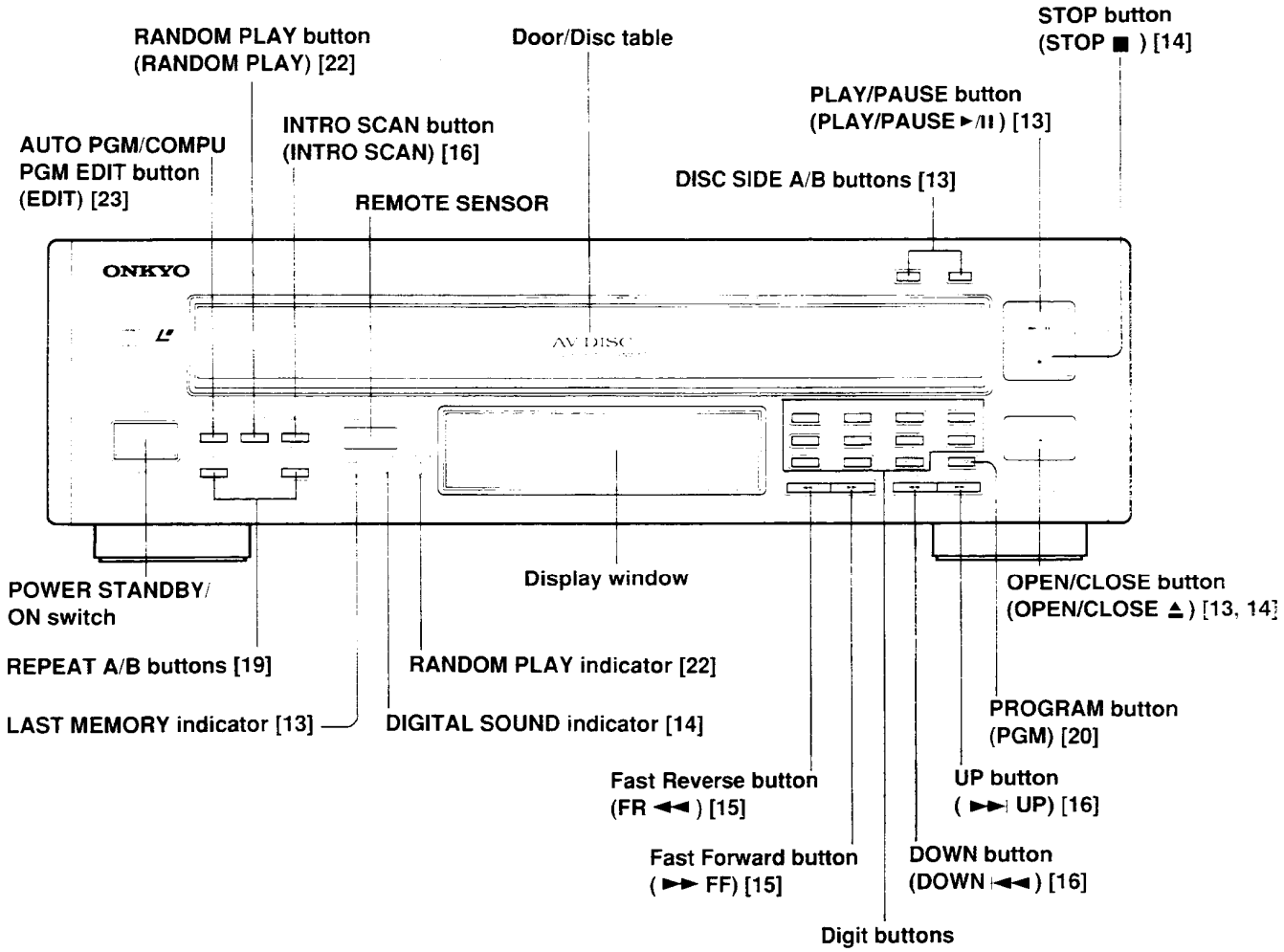
When the power cord of this unit is connected to an AC outlet, power is supplied to the unit's internal memory (such as last memory) even when POWER is STAND-BY.
Therefore, be sure to connect the power cord directly to a wall outlet. If the power cord is connected to an outlet such as a switched outlet on an amplifier, the various memory contents will be erased whenever the amplifier's power switch is turned off.



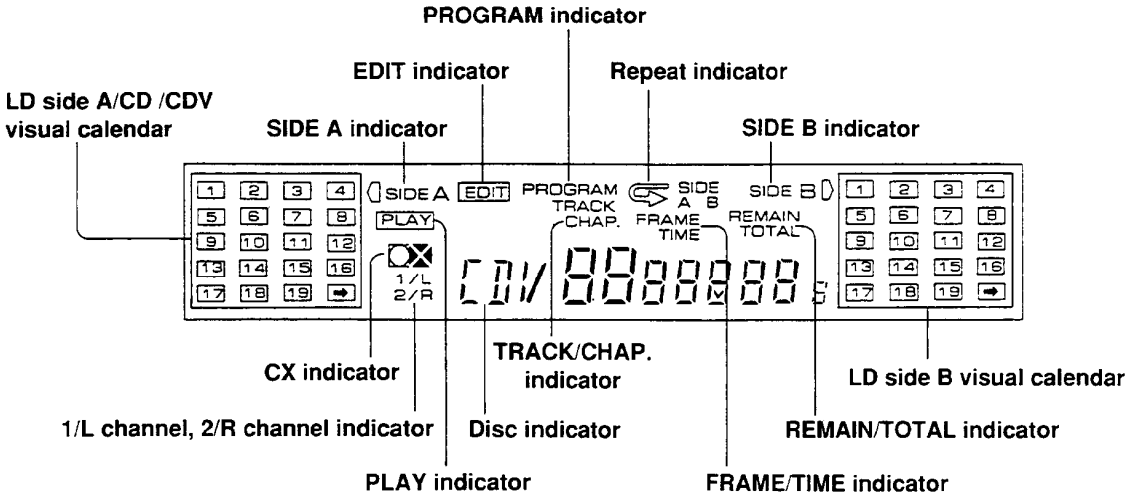
Control positions and names

Front panel

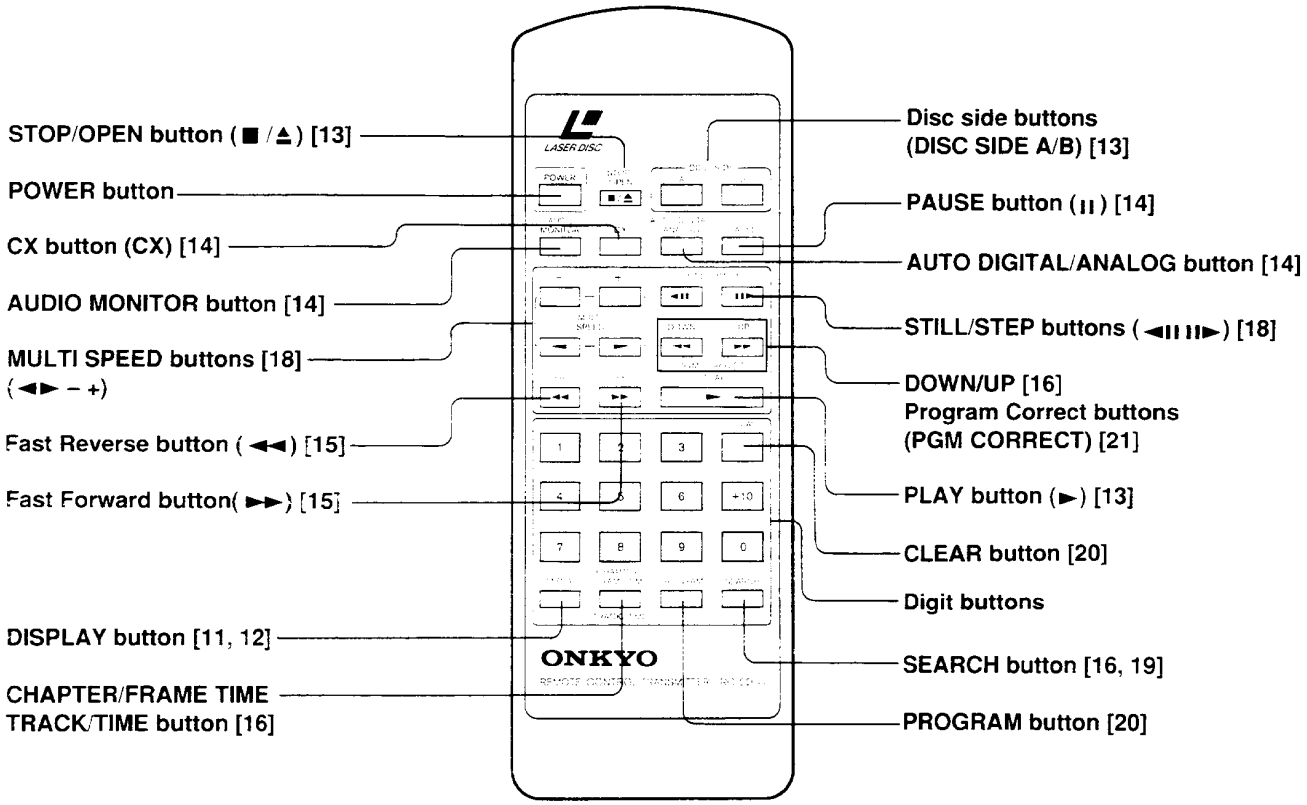
For more information about buttons or controls, turn to the page number listed in the [ ].


RANDOM PLAY button (RANDOM PLAY) [22]
Door/Disc table
STOP button (STOP ■) [14]
PLAY/PAUSE button (PLAY/PAUSE ►/II) [13]
AUTO PGM/COMPU PGM EDIT button (EDIT) [23]
INTRO SCAN button (INTRO SCAN) [16]
DISC SIDE A/B buttons [13]
REMOTE SENSOR
ONKYO
AV DISC
POWER STANDBY/ ON switch
Display window
OPEN/CLOSE button (OPEN/CLOSE ▲) [13, 14]
REPEAT A/B buttons [19]
RANDOM PLAY indicator [22]
PROGRAM button (PGM) [20]
LAST MEMORY indicator [13]
DIGITAL SOUND indicator [14]
Fast Reverse button (FR ◄◄) [15]
UP button (►►| UP) [16]
Fast Forward button (►► FF) [15]
DOWN button (DOWN |◄◄) [16]
Digit buttons

Display



Remote control transmitter

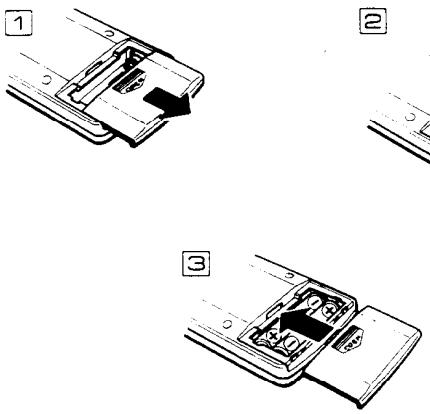


Inserting batteries into the remote control transmitter

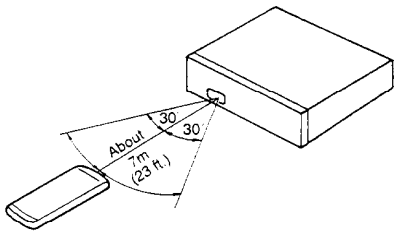
1. Open the battery compartment cover on the back of the remote control unit. The cover should open easily if you press on it with your thumb while sliding it in the direction of the arrow.
2. Take out the two accessory size "AAA"(IEC R03) dry cell batteries, and insert them into the battery compartment in accordance with the display (+ , –) inside the compartment.
3. Close the cover of the battery case.

Incorrect use of batteries may cause leakage or rupture.
Always be sure to follow these guidelines:

A. Always insert batteries into the battery compartment correctly matching the positive + and negative – polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages. depending on brand. Do not mix different brands of batteries.



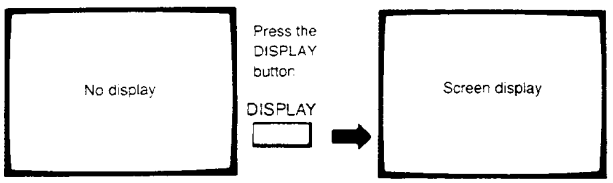
When operating the remote control unit, point the unit's infrared signal transmitter at the remote control receiver (REMOTE SENSOR) on the front panel of the player. The remote control unit can be used within a range of about 7 meters (23 feet) from the remote sensor, and within angles of up to about 30 degrees.



Note for using the remote control transmitter

- If there is any obstacle between the remote control unit and the player, or if the unit is held at too large an angle relative to the front panel of the player, the signal from the remote control unit will fail to reach the remote sensor.
- If the player is operating in the vicinity of other appliances generating infrared rays, or if other remote control devices using infrared rays are used near the player, the player may operate improperly. Conversely, if the player's remote control unit is operated in the vicinity of other appliances which use an infrared remote control device, the other appliance may operate improperty. If this should happen, change the place of installation so that improper operation does not occur.
- If the range of operation of the remote control unit becomes too short, replace the batteries.
- When the unit is not to be used for a long period of time (more than one month), remove the batteries to prevent them from leaking inside the compartment. If leakage occurs, wipe up the liquid inside the compartment and replace the batteries with new ones.
- Do not place books or other objects on the remote control unit, since they might depress the buttons and run down the batteries.

Display switching



Information regarding the operations being carried out can be displayed on the screen of the monitor TV. When the DISPLAY button on the remote control transmitter is pressed the first time, the screen is displayed.

With LD discs containing a TOC and video part of CDV discs

Each time the DISPLAY button is pressed, the display changes in the following order: time/frame number (elapsed play time/frame from the beginning of the disc) ‣ Remain Time ALL (remaining play time of the disc) ‣ Total Time (total play time of the disc) ‣ display off.

- With CAV discs, the Disc Time ABS (elapsed play time from the beginning of the disc) is displayed after the frame number.

With CD discs and audio part of CDV discs

Each time the DISPLAY button is pressed, the display changes in the following order: elapsed play time of the track being played ‣ Disc Time ABS (elapsed play time from the beginning of the disc) ‣ Remain Time TRK (remaining play time of the track being played) ‣ Remain Time ALL (remaining play time of the disc) ‣ Total Time (total play time from the beginning of the disc) ‣ display off.

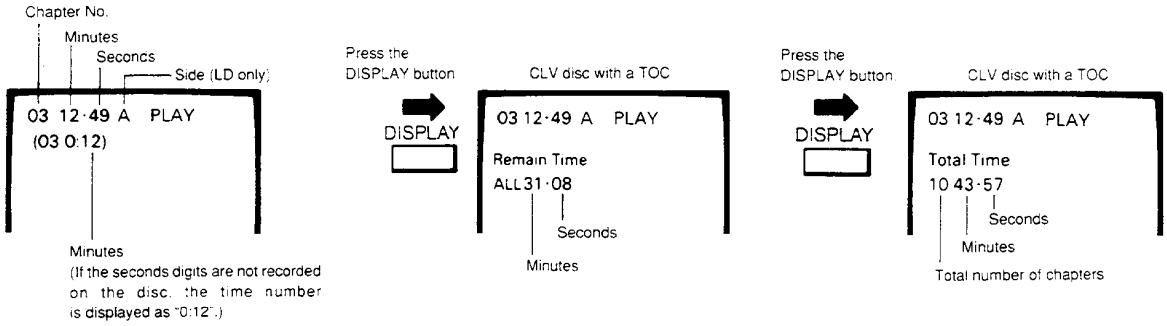
- With audio part of CDV discs, Disc Time ABS is not displayed.
- These data are also displayed on the display window of the front panel.

With LD discs having no TOC

Each time the DISPLAY button is pressed, the display changes in the following order: time/frame number ‣ display off.

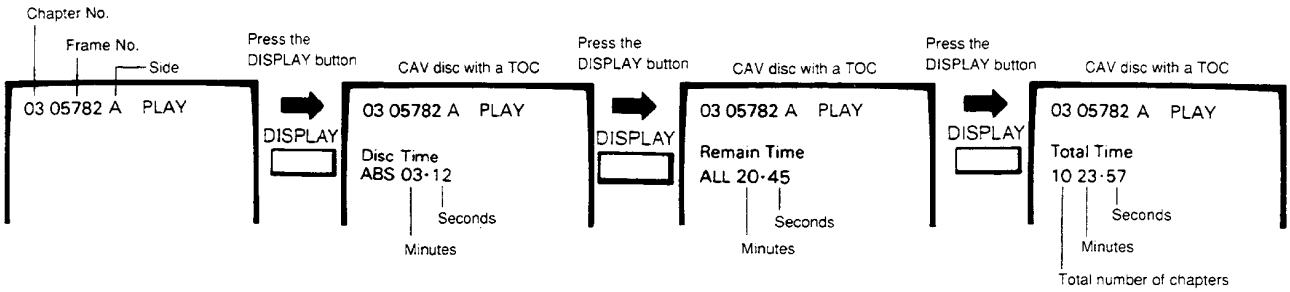
When you press the DISPLAY button, the following displays will be shown.

CLV/CDV (Video part) Time number ➡ Remain Time ALL ➡ Total Time



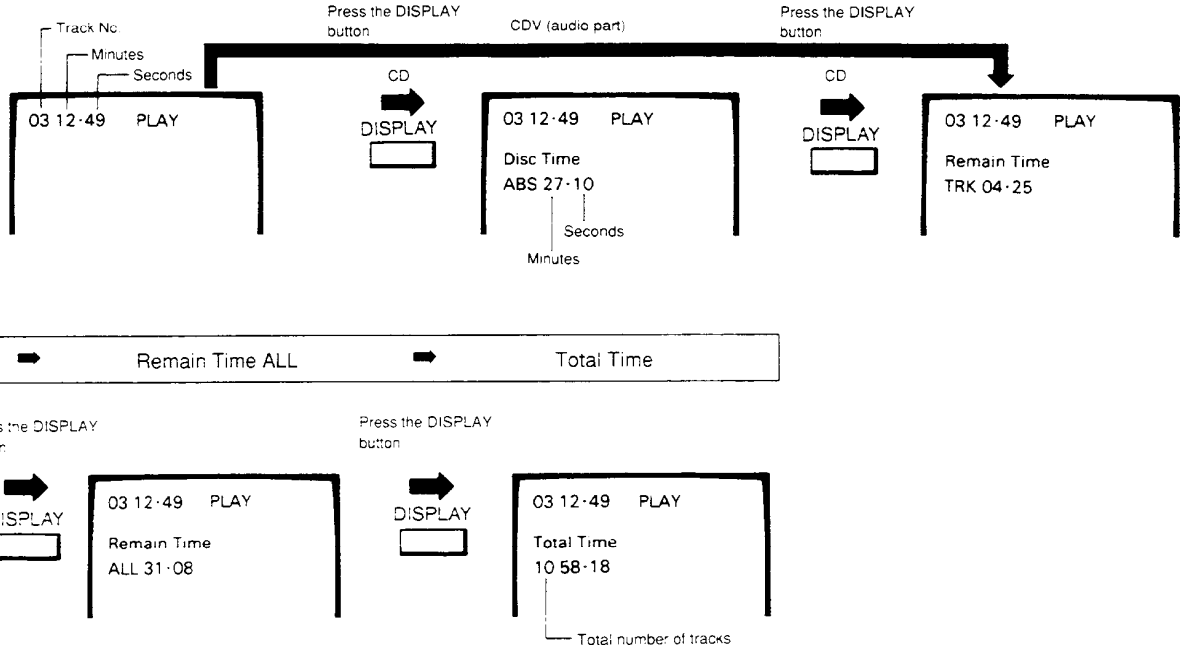
When you press the DISPLAY button, the following displays will be shown.

CAV Frame number ➡ Disc Time ABS ➡ Remain Time ALL ➡ Total Time



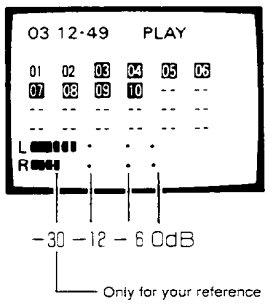
When you press the DISPLAY button, the following displays will be shown.

CDV (audio part)/CD: Elapsed play time of the track ➡ Disc Time ABS ➡ Remain Time TRK ➡ Remain Time ALL ➡ Total Time



Audio output level meter display

During elapsed play time of the track mode of CD playback or CDV (audio part) playback, the audio output level meter will be displayed on the monitor screen.



NOTE:

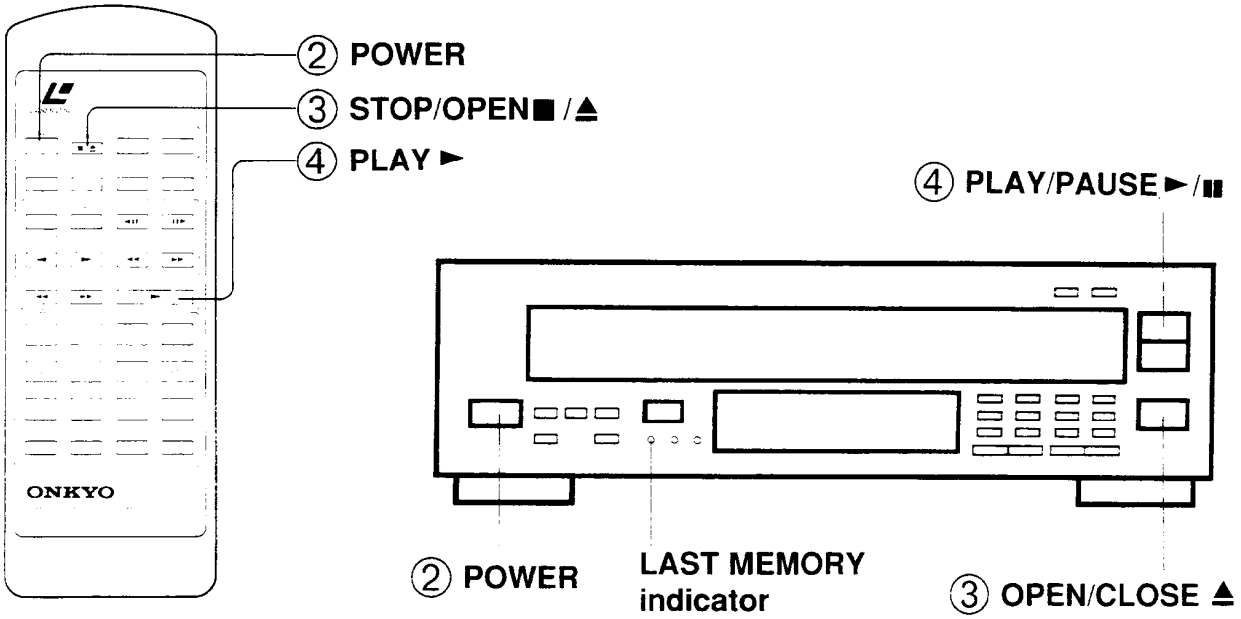
In some cases, the displayed output level may differ from the actual output level, but this is not a malfunction.

Other displays

Lights - Flashes	Function	Lights - Flashes	Function
OPEN	Opening of the table	Repeat Program	Program repeat
CLOSE	Closing of the table	Program	Program mode
STOP	Stop mode	Step-	Chapter/Track program step
PLAY	Play mode	Random	Random play
PAUSE	Pause mode	Pgm. Rnd	Program random play
STILL	Frozen picture	Editing	Edit mode
1/2, 1/4...	Slow-speed play	Normal	Auto program edit
x 2, x 3	High-speed play	Compute	Compu program edit
CLV	CLV play	Intro	Intro scan mode
Video	Video part search	Digital	Digital signal setting
Audio	Audio part search	Analog	Analog signal setting
Last Memory	Last memory	Stereo	Stereo
Repeat Memory	Memory repeat	1/Lch	Main audio/Left channel
Repeat A-B	A-B repeat	2/Rch	Sub audio/Right channel
Repeat Side-A (B)	One side repeat	CX ON	CX noise reduction system ON
Repeat Chapter (Track)	Chapter/track repeat	CX OFF	CX noise reduction system OFF
Repeat All	All side repeat		

Operations

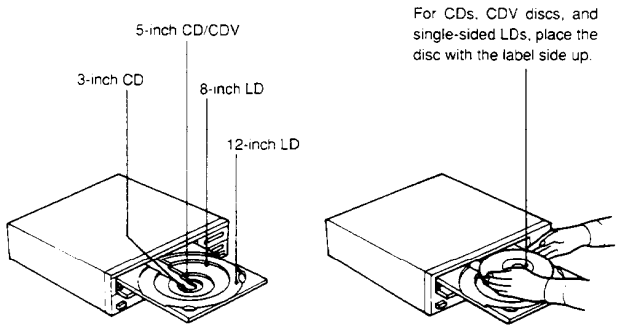
Playing LD,CDV,CD ①



① Turn on the power to the monitor TV. When a stereo system is used for audio listening, turn on the power of the amplifier, and set its input selector to the proper position for listening to the DX-V801 such as "CD"

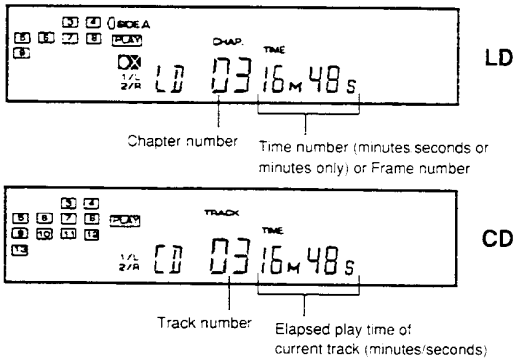
② Turn on the power to this unit.

③ Open the disc table, and load a disc.
Place the disc on the disc table in the groove corresponding to the size of the disc. If the disc is not seated correctly on the disc table, the disc will not be played or the disc or the player may be damaged. Always place the disc correctly.

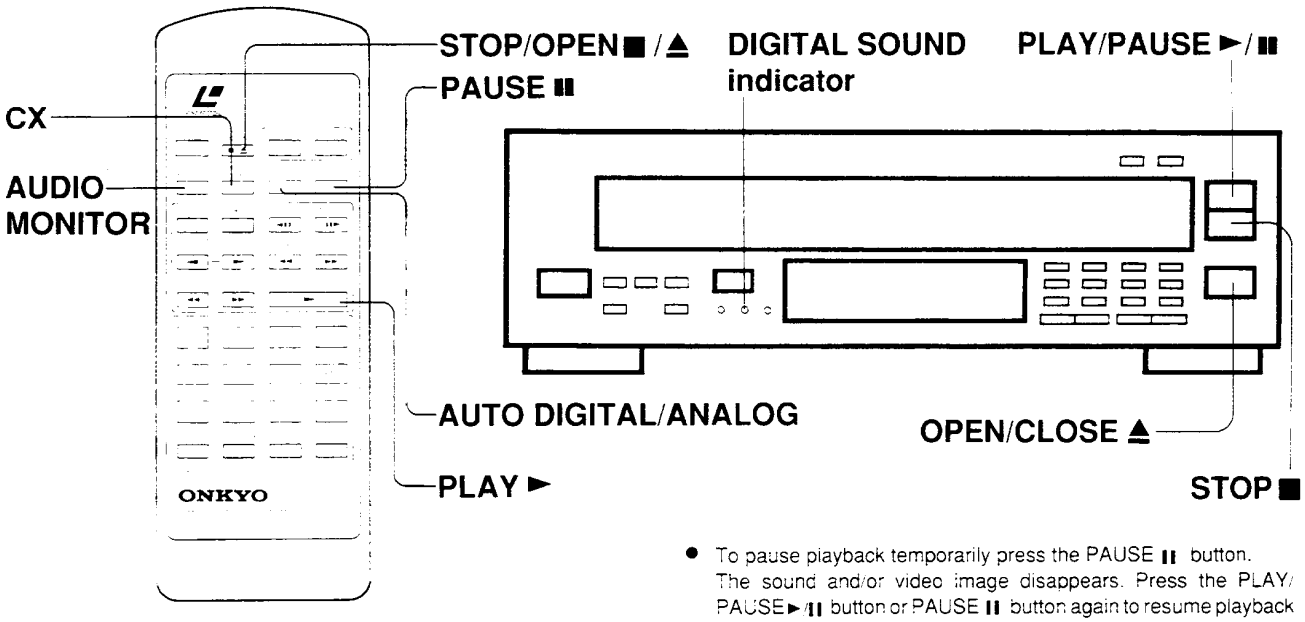


④ Press the PLAY/PAUSE ►/II button to start playback.
- With CDV discs, the video part is played first.
- With two-sided LDs, after the A side of the disc (the side facing upward) is played, and then the unit automatically begins playing the B side.
- To play side A only, press the DISC SIDE A button instead of the PLAY button. Side A will be played and then and then playback will stop.
- To play side B only, press the DISC SIDE B button instead of the PLAY button. Side B will be played and then playback will stop.

State of the display window during playback:



NOTES:
- Do not place any object other than a disc on the disc table.
- Do not move the player while a disc is playing. This will cause the disc to be scratched.
- Be careful not to catch your finger in the disc table section while the disc table is being retracted into the unit. Also, be careful that children do not put their hands into the inside of the unit while the disc table is open. This may cause injury.
- Do not place more than one disc on the disc table. If two discs are placed one on top of the other on the disc table, discs may be scratched and/or malfunction may occur.
- With this unit, playback of all types of CD Video discs is carried out without the use of adapters. Therefore, do not use any type of adapter with this unit.
- **Last Memory function:**
  If the power is turned off during LD playback, a playback position slightly ahead of the current screen is stored in the unit's memory (Last Memory). The LAST MEMORY indicator lights. When the power is turned back on and playback begins from the memorized position by pressing the PLAY/PAUSE►/II button.



- To stop play back, press the STOP ■ button. The next time the PLAY/PAUSE ►/❚❚ or PLAY ► button is pressed, disc playback will start from the beginning.

- To pause playback temporarily press the PAUSE ❚❚ button. The sound and/or video image disappears. Press the PLAY/PAUSE ►/❚❚ button or PAUSE ❚❚ button again to resume playback from the position where pause mode was entered.
- To stop playback and take out the disc, press the OPEN/CLOSE ▲ button. When you want to use the remote control, press the STOP/OPEN ■ /▲ button twice.
  After removing the disc from the disc table, press the OPEN/CLOSE ▲ or PLAY ► button to close the table.

■ To listen to only one channel of a stereo disc, or to select the audio on a sound multiplex disc

When you press the AUDIO MONITOR button during playback, the display will cycle through the following modes.

→ 1/L 2/R → 1/L → 2/R →

	1/L 2/R	1/L	2/R
Stereo disc	Stereo	Left	Right
Sound multiplex disc	Audio 1/L Audio 2/R	Audio 1/L	Audio 2/R

■ To listen to the analog audio of an LD digital audio disc

When you press the AUTO DIGITAL/ANALOG button during playback, "DIGITAL SOUND" indicator will light. The next time the button pressed, the indicator will be turned off.

With a Multi Audio disc (an LD bearing the "MULTI AUDIO" mark), you can listen to the various audio tracks recorded on the disc by using the AUTO DIGITAL/ANALOG button to select between the analog and digital audio tracks, and by using the AUDIO MONITOR button to select between the left (1/L) and right (2/R) channels.

Examples of the various types of audio recorded on Multi Audio discs

Disc \ Audio	Analog audio	Digital audio
Movies, animations, etc.	Audio of the main program	Soundtrack
Dual music	Music 1	Music 2
Various types of digital audio karaoke	1/L Karaoke (monaural) 2/R Assisting vocals	Stereo karaoke
Stereo bilingual	Native language	Foreign language 1

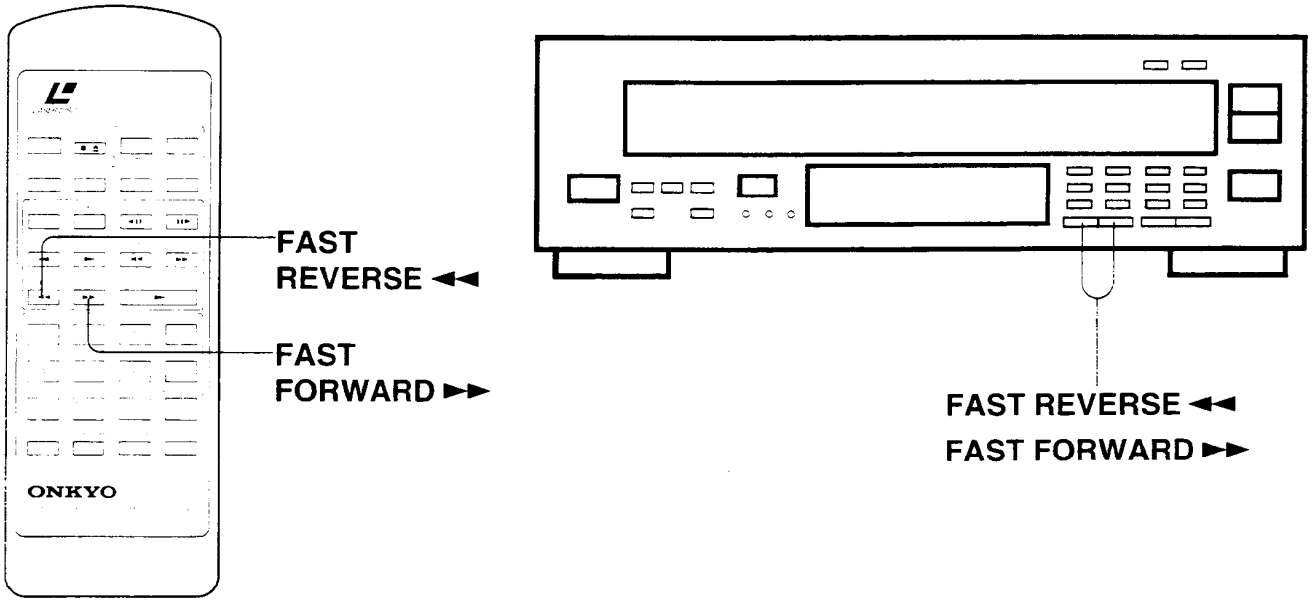
Discs marked with the CX mark

Discs marked CX are recorded with the CX noise reduction system for powerful audio reproduction with little noise.
The indicator on the front panel lights when such a disc is played.
However, some discs marked are not encoded with the signals necessary to instruct the unit to automatically switch on the CX system. If the indicator does not light when a disc with a CX mark is played press the CX button on the remote control unit.

- CX is a trademark of CBS inc. This player meets the CX EXPANDING SPECIFICATION.

Disc \ Audio	Analog audio	Digital audio
Trilingual	Native language	1/L Foreign language 1 2/R Foreign language 2
Quadrilingual	1/L Native language 2/R Foreign language 1	1/L Foreign language 2 2/R Foreign language 3

■ Manual search



Pressing the Fast Reverse ◄◄ or Fast Forward ►► button will scan the disc, review or cue respectively.

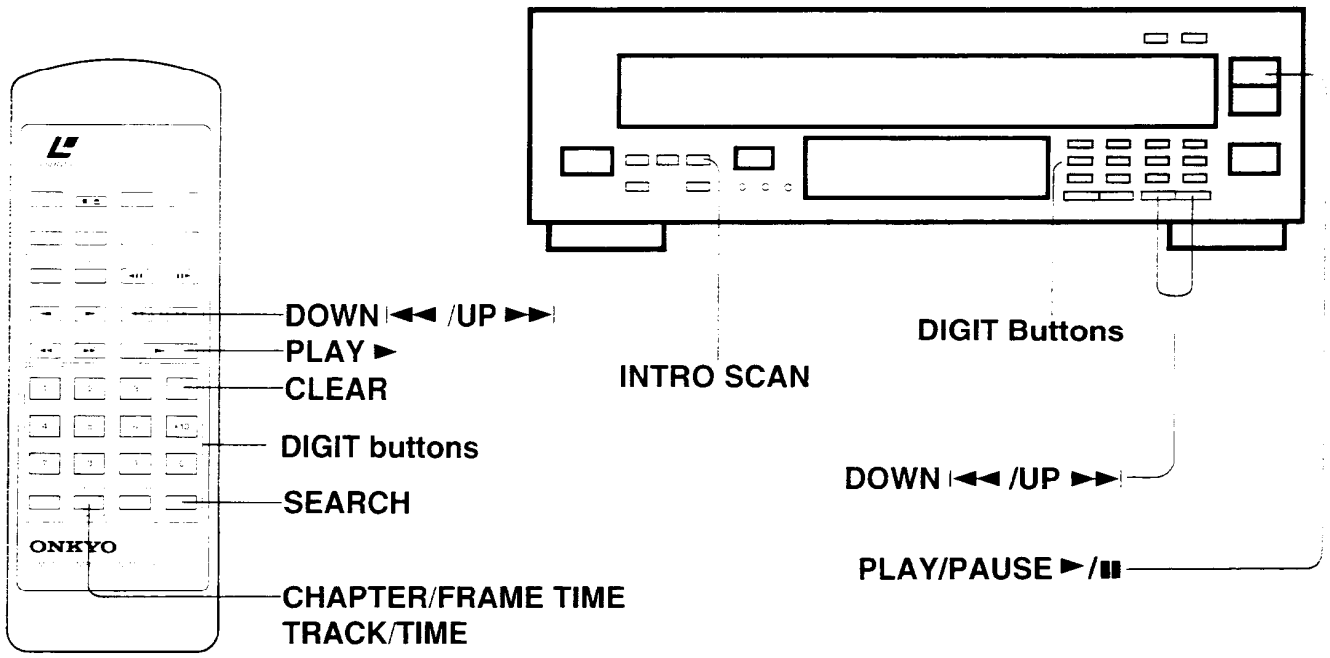
- For about two seconds after the button is pressed, the scan speed is fairly slow, after that, it changes to high speed.
  With the video part of CDV, the scan speed does not change to high speed.
  Normal playback resumes as soon as the button is released.
  When fast-forward playback reaches the end of the disc, the player enters pause mode with CLV discs, while a still frame is displayed with CAV discs. When fast-forward playback reaches the end of the video part of a CDV disc, the audio part will be scanned for. When fast-forward playback reaches the end of the CD disc, "End" appears on the display, and the unit enters pause mode.
  When fast-reverse playback reaches the beginning of the disc, normal playback resumes.
- During Manual Search operation
  LD/CDV (video part): Sound is muted.
  CD/CDV (audio part): Sound is heard at a small volume level.
- When a CLV disc is scanned, the colors may fade and the picture may become distorted.
- The scanning speed of a CLV disc varies depending on the radial distance of the laser pickup from the center of the disc.

Searching for a desired location (LD, CDV, CD).

CHAPTER/TRACK SEARCH

The term "chapter" refers to each section on an LD, and the term "track" refers to each section on a CD or CDV disc.
If chapter or track numbers are encoded on a disc, it is so indicated on the disc jacket.

- Chapter Search is not possible with discs which are not divided into chapters.



■ Chapter/Track search

To search by designating the chapter/track number

Example: To play from the beginning of chapter/track 3

Direct Search

Enter 3 with the digit button.

Normal Search

① Press the CHAPTER/FRAME TIME button. When the display shows Frame NO. or Time NO. press this button again.
② Enter 3 with the digit button.
③ Press the PLAY ► button or the SEARCH button.

- To search for chapter, or track number 10 or above, use the [+10] button.
  Example: To enter the beginning of the chapter, or track 17, press the [+10] and [7] buttons. To enter the beginning of chapter or track 30, press the [+10], [+10], [+10] and [0] buttons.
- If you made a mistake in pressing the digit button, press the CLEAR button and then press the correct button.
- To identify the preset chapter numbers and frame (or time) numbe the numbers are displayed in the front panel display window. The information can also be displayed on the monitor TV screen b pressing the DISPLAY button on the remote control transmitter.
- To cancel the search operation, press the CLEAR button while th player is searching for the chapter or track.

■ Chapter (Track) Skip

To search for the beginning of a chapter/track

Press the DOWN |◄◄ button once to return the playback position to the beginning of the chapter/track being played. If the button is pressed more than once before the picture reappears, the beginning of a chapter/track located before the chapter/track being played is searched for and played.
The position of the located track corresponds to the number of times the button is pressed.

If the UP ►►| button is pressed once or a number of times, playba is advanced to the beginning of a chapter/track located after th chapter/track being played.
The position of the located track corresponds to the number of time the button is pressed.

■ Intro scan

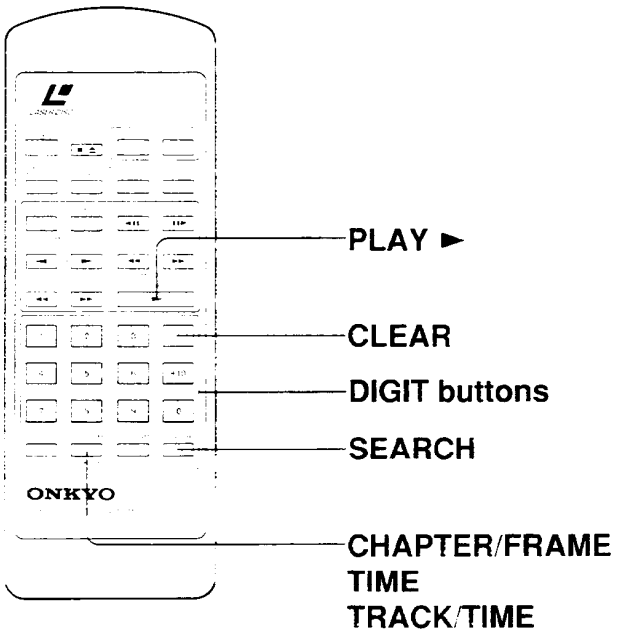
To search by playing each beginning of all chapters/tracks

When the INTRO SCAN button on the front panel is pressed, the beginning of each chapter/track is played for about 8 seconds.

During the desired chapter or track is played, press the PLAY ► button. The unit enters play mode.

- Intro Scan of CDV starts with the video part.

TIME/FRAME SEARCH



■ Time Number search

Example: To search for the screen located at time number 12 min. 34 sec. (CLV/Video part of CDV)

① Press the CHAPTER/FRAME TIME TRACK/TIME button. When the display shows Chapter NO. press this button again.
② Enter [1] [2] [3] and [4] with the digit button. If you make a mistake during entry, press the CLEAR button to reset the time number to "00 • 00" and press the correct digit buttons.
③ Press the SEARCH button or the PLAY ► button.

NOTES:

- If a disc does not contain information on the digits of seconds, specify the time number only as far as the minute digits.
- The [+10] button does not function to specify the time number.

■ Track Time Search (CD/audio part of CDV)

To search for a time on a specified track

① Press the CHAPTER/FRAME TIME/TRACK/TIME button.
② Press the DOWN |◄◄ or UP ►►| button so that the desired track number appears in the front panel display window.
③ Enter the track time (elapsed time from the beginning of the specified track) with the digit buttons (0–9).
- The [+10] button does not function. If you make a mistake during entry, press CLEAR button and press the correct digit buttons.

④ Press the SEARCH or PLAY ► button.

■ ABS Time Search (CD only)

To search for an ABS time position

① Press the CHAPTER/FRAME TIME/TRACK/TIME button so that "Ab" appears in the front panel display window. (On the monitor screen, "ABS" appears.)
② Enter the elapsed time from the beginning of the disc with the digit buttons (0–9).
- The [+10] button does not function.

③ Press the PLAY ► or SEARCH button.
Playback starts from the specified elapsed time.

■ Frame Number Search (CAV discs only)

To search for a particular frame

Any desired frame can be searched for by specifying its frame number.

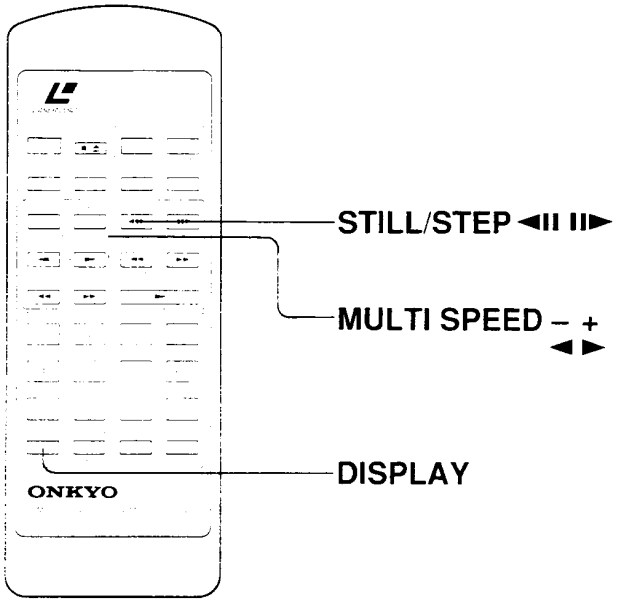
① Press the CHAPTER/FRAME TIME/TRACK/TIME button. When the display shows Chapter No., press this button again. "Frame 00000" is displayed.
② Enter the required frame number with the digit buttons (0–9).
- The +10 button does not function.

③ Press the SEARCH or PLAY ► button.

When the SEARCH button is pressed:
A still frame is displayed.

When the PLAY ► button is pressed:
If Frame Search is started from the normal playback, Still Frame Multi-speed Playback, or pause mode, playback starts at the designated frame under the playback conditions set before the search.

Extra playback function (LD(CAV))



Multi Speed function

During playback, the playback direction can be changed with MULTI SPEED. 1/4 the normal playback speed is set automatically.
If you want to playback in the reverse direction, press the ◄ button.
To playback the disc in the forward direction, press the ► button.

- If you want to change the direction from reverse to forward, press the PLAY ► button.

With the + and – buttons, the playback speed can be changed from x 3 to 1/90 the normal playback speed.
If you want to decrease the playback speed, press the – button.
Pressing the + button will increase the playback speed.

- When you want to change the playback speed back to normal press the PLAY ► button.

	Speed display	Speed
Faster	x 3	3 times the normal playback speed.
	x 2	Twice the normal playback speed.
	x 1	Normal playback speed.
	1/2	1/2 the normal playback speed.
	1/4	1/4 the normal playback speed.
	1/8	1/8 the normal playback speed.
	1/16	1/16 the normal playback speed.
	1/30	1/30 the normal playback speed.
Slower	1/90	1/90 the normal playback speed.

- The selected speed is displayed by pressing the DISPLAY button on the remote control transistor.

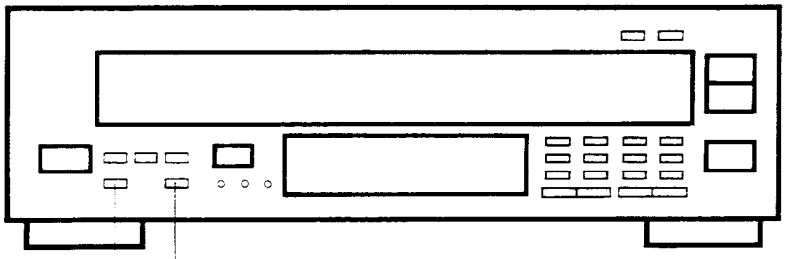
NOTES:

- **If playback automatically switches to still frame display mode.**
  If a disc containing special signals called "picture stop codes" is played at x1, x 1/2, x 1/4, x 1/8, x 1/16, x 1/30, or x 1/90 speed, playback pauses automatically whenever the unit encounters a frame where a picture stop code is encoded, and the still picture of that frame is displayed on the monitor screen. To move from that position, press the PLAY ► button.
- During Multi-speed Playback, sound is not heard.

Still frame and frame-by-frame advance function (CAV only)

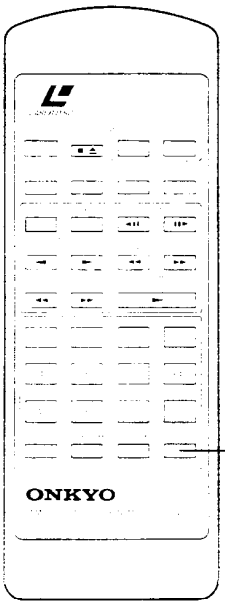
During playback if the STILL/STEP button is pressed, the picture will be frozen. At this point, the disc can be played one frame at a time in either the forward (II►) or reverse (◄II) direction by pressing one of these buttons. The sound is muted during still frame or frame advance operation.
To return to normal operation, press the PLAY ► button.

Use of Repeat Play back



REPEAT B

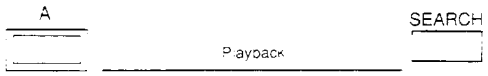
REPEAT A



SEARCH

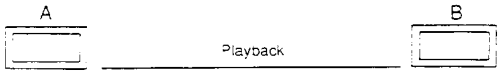
Memory Repeat

① Press the REPEAT A button at the point you want to return to when you press the SEARCH button.
The "A" indicator lights on the display window of the front pannel.
② When you wish to retern to point A , press the SEARCH button.



A-B Repeat

① Press the REPEAT A button at the start point of the section to be repeated.
The "A" indicator lights on the display window of the front panel.
② Press the REPEAT B button at the end point of the section to be repeated. Playback returns to the beginning of the section and the section is repeated continuously.
The " ⇆ AB" indicator lights on the display window of the front panel.



Chapter/Track Repeat

① Press the REPEAT B button while the chapter/track to be repeated is playing the ⇆ indicator lights on the display window of the front panel.

When the end of the chapte/track is reached. the player returns to the beginning of the display track and the chapter/track is played back repeatedly.

One Side Repeat

Press the REPEAT B button twice.
The " ⇆ SIDE A" or " ⇆ SIDE B" indicator lights on the display window of the front panel.
When playback reaches the end of the playback side. the player returns to the beginning of the disc and the same side is played back repeatedly.

All Side Repeat

Press the REPEAT B button three times.
Side A and B are played back repeatedly. The " ⇆ SIDE AB" indicator lights on the display window of the front panel.

Program Repeat

With the program repeat function, you can repeatedly play programmed chapters or tracks in there programmed order.
See page 30 for details on programming.
Press the REPEAT B button while the program is being played.

Random Repeat

With the random repeat function, you can repeatedly play the chapter or tracks in random order.
Press the REPEAT B button during random playback.

NOTES:

To exit repeat mode:
Press the CLEAR button. Repeat mode is canceled and normal playback continues from the current point.

Memory Repeat and A-B Repeat with CDV discs:
These repeat functions can only be carried out within the video part or within the audio part, and cannot be carried out between the two parts.

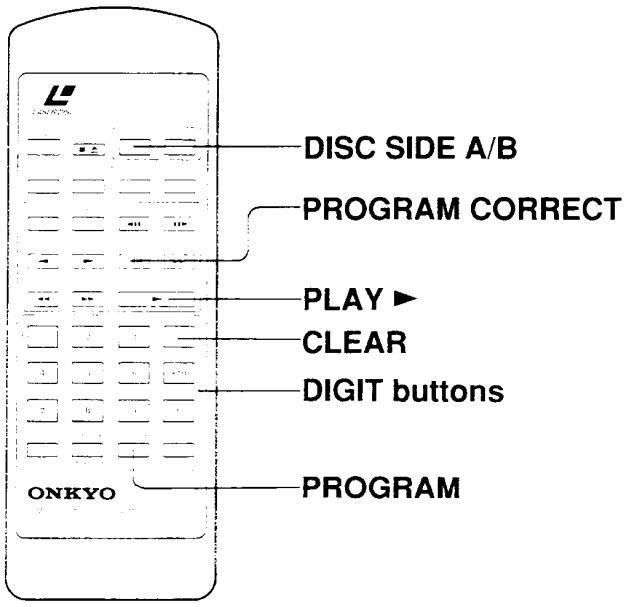
To specify a different point in Memory Repeat mode:
Press the REPEAT A button at the new point. The previously memorized point is erased and replaced with the new point.

With LDs which have no chapter numbers:
Chapter repeat cannot be carried out.

Use of Program Playback

Selected chapters (LD) or tracks (CDV/CD) can be played in any desired order (max. 24 chapters or tracks).

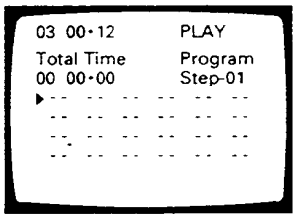
- You can view the state of programming on the monitor TV screen.



Example: To play Track/Chapter No. 9, No. 7, and No. 18 in this order:

① Press the PROGRAM button.

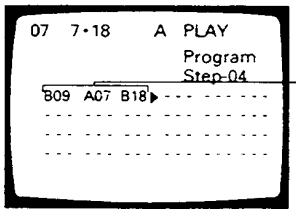
Display with a disc containing a TOC



② Select the desired chapters or tracks.

- With two-sided LDs, first specify side A or side B with the DISC SIDE A or B button and then enter the number of the desired chapter with the digit buttons.
  Example: To program chapter 9 on side B, chapter 7 on side A, and chapter 18 on side B, in that order:

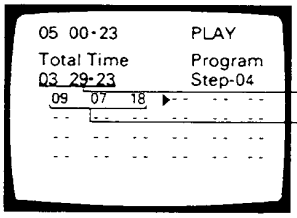
Screen display after programming is completed



Programmed chapters

- With single-sided LDs, CDs, and CDV discs, just enter the number of the desired chapter or track with the digit buttons.
  Example: To program CD tracks 9, 7, and 18, in that order:

Screen display after programming is completed



Number of programmed tracks and total play time

Programmed track numbers

③ Press the PLAY ► button.
The chapters/tracks are played in the programmed order.
When all programmed chapters/tracks have been played, the player enters stop mode.

To stop program play in the middle

- Press the STOP ■ button on the front panel of the player or the STOP/OPEN ►/▲ button on the remote control transmitter or
- Press the CLEAR button.

To clear the program contents

- Open the disc table, or
- Press the CLEAR button in stop mode.

Programming a pause

When recording on a cassette tape, a programmed pause allows you to change the tape side or to record a blank section on the tape which is useful for music search functions, etc.
When a program is in pause mode, pressing the PAUSE ❚❚ button resumes disc playback, so restart recording before pressing the PAUSE button.

To program a pause

In step 2 of the above procedure, press the PAUSE ❚❚ button instead of entering a chapter or track number.

Programmed pause indication

On the monitor screen – ❚❚
In the front panel display window – PA

To go to the previous or next chapter (track) in a program

Press the DOWN|◄◄ or UP ►►| button.

Total time display (CD and CDV only)

When programming for CD or CDV, the total time of the programmed tracks is displayed. If the total time exceeds 100 minutes, 100's digit will not be displayed in the display window.

- If Track No. 37 or more is programmed, the total time will not be displayed.

NOTES:

- A pause cannot be programmed for step 1 (01), and it cannot be programmed for two consecutive steps.
- A pause can be programmed for the last program step, however, it will not be effective.

To check the program contents

During program playback or in stop mode, press the PROGRAM button to display the program contents on the monitor screen. When the PROGRAM button is pressed again, the program contents disappear.

To modify the program contents

■ To erase a programmed chapter/track or pause

1. Press the PROGRAM button.
2. Press the PGM CORRECT I◄◄ or ►►I button to place the cursor (▶) on the left side of the chapter/track or pause to be erased.
3. Press the CLEAR button.
4. Press the PROGRAM button to complete programming. Pressing the PLAY button also completes programming and starts Program Playback with the new program contents.

■ To change a programmed chapter/track or pause to a new one

1. Press the PROGRAM button.
2. Press the PGM CORRECT I◄◄ or ►►I button to place the cursor (▶) on the left side of the chapter/track or pause to be changed.
3. Enter the new chapter/track number with the digit buttons. Press the PAUSE ❚❚ button to enter a pause.
4. Programmed chapter/track being played cannot be erased or changed.

NOTES:

- If the FF ►► button is held depressed during Program Playback, the playback position will move to another chapter/track, but when ►► is released, the next chapter/track in the program will be played. If ◄◄ is held depressed, the playback position returns to the beginning of the current chapter or track being played, but it will not go beyond it to a previous chapter or track in the program.
- If the MULTI SPEED ► button is pressed during Program Playback, the next track in the program will be played. If the MULTI SPEED ◄ button is pressed, the playback position returns to the beginning of the current chapter being played, and the player enters normal play mode.

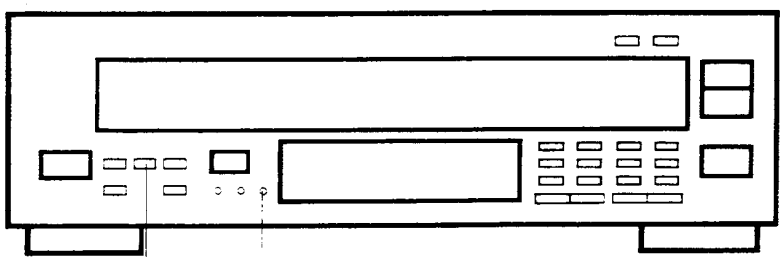
To view the program contents

Program contents can be viewed in the front panel display window.

Use of Random playback

CD/CDV:
When all tracks of the disc have been played in random order, play will automatically stop.

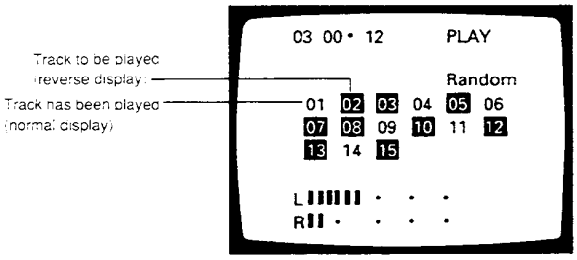
LD with TOC:
When all chapters of one side of the disc have been played in random order, playback will automatically stop.

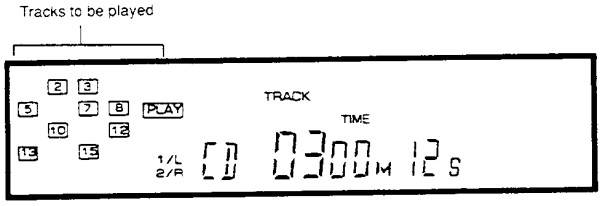


RANDOM PLAY **RANDOM PLAY indicator**

Press the RANDOM PLAY button on the front panel.
RANDOM PLAY indicator will light.

Display during Random Play (CD)





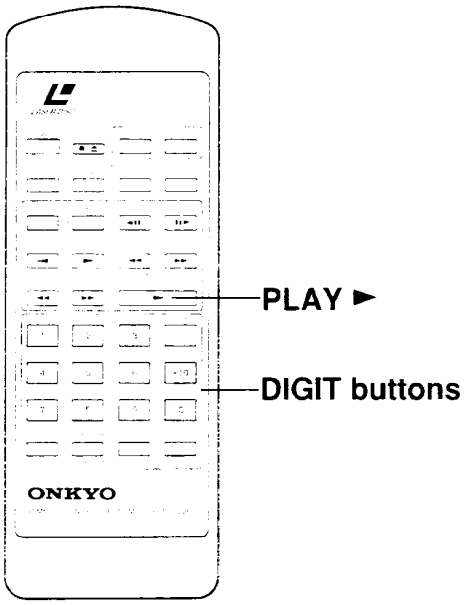
- To stop Random playback, press the CLEAR button.
  After the CLEAR button has been pressed, playback will continue in the order in which the chapters/tracks are recorded on the disc.
- To go to the next chapter/track during Random playback, press the UP ►►I button (The previous chapter/track cannot be played by pressing the DOWN I◄◄ button.)
- To play the programmed chapters/tracks in random order, press the RANDOM PLAY button during program playback.
- CDV Random playback – tracks are played back in a random order.

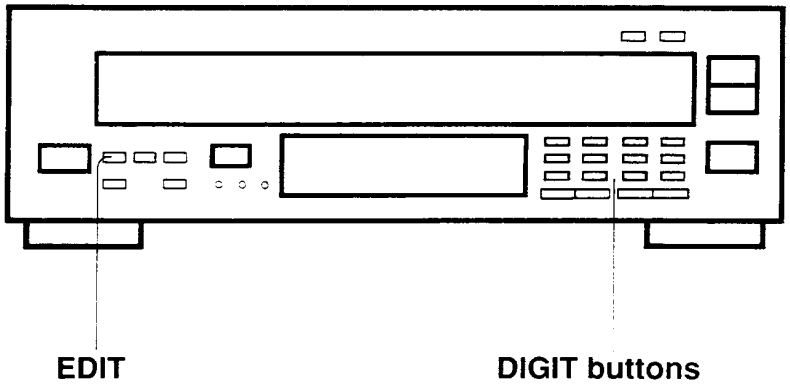
NOTE:

With Random Playback, Chapter No. 0 will not be played.

Auto Program/compu Program Edit

If the total playing time of both sides of the tape is specified, chapters/tracks are automatically programmed for both sides of the tape.





Auto Program Edit

Chapters/tracks are selected within the designated time, starting from the first track.

① Press the EDIT button on the front panel.
- When the EDIT button is pressed during playback, the player enters pause mode.

② Set the total playing time of both sides of the tape in minutes with the digit buttons (0–9).
Press two digit buttons rapidly. For example, to enter 46 minutes, press the 4 button and 6 button sequentially.
- The +10 button does not function to specify the time.

③ Press the PLAY ► button.
Program playback starts.

When playback of the first program is completed, the player enters pause mode. To play second program, press the PLAY ► or PAUSE ❚❚ button.
When all programs have been played, the player enters Stop mode.

Compu Program Edit

The player selects the chapters/tracks so that their total playing time becomes the specified playing time as near as possible.

① Press the EDIT button on the front panel.
- When the EDIT button is pressed during playback, the player enters pause mode.

② Set the total playing time of both sides of the tape in minutes with the digit buttons (0–9).
Press two digit buttons rapidly. For example, to enter 46 minutes, press the 4 button and 6 button sequentially.
- The +10 button does not function to specify the time.

③ Press the EDIT button again.
④ Press the PLAY ► button.
Program playback starts

When playback of the first program is completed, the player enters pause mode. To play second program, press the PLAY button or the PAUSE button.
When all programs have been played, the player enters Stop mode.

To clear program contents

Press the CLEAR button.

To specify the first track to be programmed

Only the track to be played first can be specified.

1. Press the EDIT button.
2. Select the desired track by pressing the DOWN |◄◄ or UP ►►| button.
3. Set the playing time with the digit buttons.

If the specified time is too short for any track to be programmed

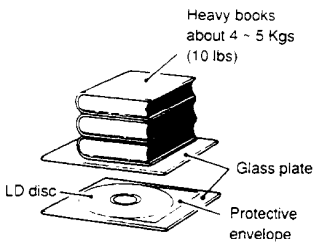
Programming cannot be performed.

NOTES:

- With discs contained 37 tracks or more, programming may not be correctly performed.
- With Compu Program Edit function, the programmed total playing time is not occasionally close to the specified time compared with Auto Program Edit.
- With LD discs, Chapter No. 0 will not be programmed.
- When Chapter No. 1 is programmed, the programmed total playing time may slightly differ from the actual calculation. This is not a malfunction.

Trouble shooting guide

Incorrect operations are often for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Inspect the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest ONKYO authorized service center or your dealer to carry out repair work.

Trouble	Cause	Remedy
Disc table is not ejected when OPEN/CLOSE is pressed.	• Power cord is not properly plugged into AC wall socket. • Power switch is not turned on.	• Plug in power cord. • Turn on power switch.
Disc table comes out.	• Disc is dirty. • The disc is not properly set on the disc table. • Moisture has condensed on parts in the player. • Disc is warped.	• Clean disc. • Set the disc properly. • Remove disc and let player stand for 1 to 2 hours until it is dry. • Try to alleviate the warp. (Refer to Symptom 7 remedy column.)
Remote control does not work.	• Batteries are weak. • There is an obstacle between the player and the remote control unit. • Remote control unit is not in a good location for transmission.	• Replace batteries. • Remove the obstacle or shift the remote control position. • Operate the remote control unit in front of the player.
Operation of the remote control until causes the TV to operate improperly.	• Some TV sets have remote control functions that operate improperly in response to the remote control unit of the player.	• Move the TV and the player further apart, or cover the remote sensor of the TV during disc playback.
Disc is rotating but there is no picture.	• The TV set is not turned on. • Wrong connections from player to TV.	• Turn on TV. • Make correct connections.
Picture continuously moves vertically.	• The TV vertical hold control is not adjusted properly.	• Adjust vertical-hold control on TV.
Particular disc does not playback properly. The disc program.	• The playing surface of the disc is dirty. • The disc is warped.	• Use a soft cloth and lightly wipe off the dirt from the surface of the disc. If necessary, moisten a cloth with diluted neutral detergent to remove heavy dirt of fingerprints. • LD disc only Put the disc into the protective envelope, then place it on a flat desk top. Subsequently, place a flat board e.g. glass plate on the disc, and load it with about 4 ~ 5 kgs (about 10 lbs). If it is left in this state for one day, sometimes the warp will be alleviated. 

WHEN A LASERVISION DISC IS BEING PLAYED.

Trouble	Cause	Remedy
Sound is unnatural or distorted.	• CX system is turned ON for disc which has no mark.	• Press the CX button to turn CX system OFF.
No sound output during playback.	• MULTI-SPEED or STILL/STEP playback is being performed. Sound is output only during the normal play mode. The audio signals are not output during other playback modes.	• Press the PLAY ► button or the PLAY/PAUSE ►/II button to set the player to normal play mode.
During STILL playback, a part of the screen image shakes.	———	• Even if the disc is a standard play disc, there may be some cases in which a fully still image cannot be obtained, but this does not mean that the player or the disc is defective.
CHAPTER SKIP (DOWN/UP), CHAPTER PROGRAM PLAY and CHAPTER NUMBER SEARCH cannot be performed.	• Disc in which no chapter numbers are recorded is loaded.	• Press the DISPLAY button to check if chapter number is displayed.
Certain discs take too long to search for or do not search for.	• It takes time to read the recorded code, depending on the disc.	• Press the CLEAR button and picture will appear. (At this point, a slightly different scene from that which has been searched for may appear.)
Certain discs take too long to start or do not start.	• There are errors when the disc code is read (there is no damage to the unit).	• Press the STOP ■ button and stop the playback. Press the PLAY ► button or the PLAY/PAUSE ►/II button and start the playback again. (Repeat this operation a few times.)
The player takes too long to find point A during A-B (INTERVAL) REPEAT operation.	• Same as item 12 above.	• Same as item 12 above. (The repeat mode is canceled).
Picture other than instructed is searched in TIME NUMBER SEARCH mode.	• Method of inputting numerals in the TIME-NUMBER SEARCH mode differs, depending on whether time number is recorded on disc in minutes or minutes and seconds, as shown below: [e.g.] 12-minute search • Disc in which time number is recorded in minutes CHAPTER/FRAME TIME [1] [2] SEARCH "minutes" • Disc in which time number is recorded in minutes and seconds CHAPTER/FRAME TIME [1] [2] [0] [0] SEARCH "minutes" "seconds"	

WHEN PLAYING BACK A COMPACT DISC

Trouble	Cause	Remedy
Player stops immediately after playback is started.	● Disc is loaded upside down (CD, CDV, onesided LD discs). ● The playing surface of the discs is dirty. ● Disc is not properly set on the disc table.	● Load the disc correctly with the label side facing up. ● Use a soft cloth and lightly wipe off the dirt from the surface of the disc. If necessary, moisten a cloth with diluted neutral detergent to remove heavy dirt or fingerprint. ● Set the disc properly.
No sound output	● The stereo amplifier is not correctly connected. ● You are not operating the stereo amplifier correctly. ● The connection terminals and/or the plugs of the connection cords are dirty. ● The plugs of the connection cords are disconnected, or are not fully pushed in. ● The player is in pause mode.	● Connect the amplifier correctly. ● Refer to the operating instructions for the amplifier, and operate the amplifier correctly. ● Clean the plugs and terminals and connect again. ● Make sure that connections are made correctly. ● Press the PLAY/PAUSE ►/II button and restore the player to play mode.
Sound is distorted.	● The audio output jacks are connected to the PHONO jacks. ● The connection terminals and/or the plugs of the connection cords are dirty. ● The plugs of the connection cords are not fully pushed in.	● Connect to the AUX, CD, VDP, LD or VCR jacks. ● Clean the plugs and terminals and connect again. ● Push the plug in firmly.

Specifications

Optical AV Disc Player DX-V801

Video characteristics

Format	: NTSC specifications
Output level	: 1 Vp-p nominal, sync. negative, terminated
Signal to noise ratio	: 49dB
Horizontal resolution	: 425 Lines

Digital Audio characteristics

Number of channels	: 2 (stereo)
Output level	: 2 Vrms (1kHz 0dB)
Frequency response	: 4Hz ~ 20kHz (± 0.5dB)
Total harmonic distortion	: 0.003%
Dynamic range	: 98dB
Signal to noise ratio	: 107dB
Channel separation	: 99dB
Wow and flutter	: Below threshold of measurability

General

Power supply rating	: AC 120V 60Hz
Power consumption	: 37W
Dimensions (W × H × D)	: 455 × 132 × 442 mm 17-15/16" × 5-3/16" × 17-5/16"
Weight	: 10.9kg (24lbs)

Supplied accessories

- Audio cord
- Video cord
- Remote control transmitter (RC-226C)
- UM-4/R03/AAA dry cell batteries

Specifications and external appearance are subject to change without notice because of product improvements.

Functions

	Function	Standard play Disc (CAV)	Extended play Disc (CLV)	Compact Disc with Video	Compact Disc
Basic Functions	Two-side play	YES	YES	NO	NO
	Single-side play	YES	YES	YES	YES
	Pause	YES	YES	YES	YES
	Stop	YES	YES	YES	YES
Search	Fast forward (forward and reverse)	YES	YES	YES	YES
	Chapter/Track skip	YES	YES	YES	YES
	Direct chapter/Track number search	YES	YES	YES	YES
	Frame number search	YES	NO	NO	NO
	Time number search	NO	YES	YES	YES
	Absolute time search	NO	NO	NO	YES
Program	Chapter/Track program play	YES	YES	YES	YES
	Program correction	YES	YES	YES	YES
Repeat (player only)	Repeat between 2 points	YES	YES	YES	YES
	Memory repeat	YES	YES	YES	YES
	Chapter/Track repeat	YES	YES	YES	YES
	One-side repeat	YES	YES	YES	YES
	Two-side repeat	YES	YES	NO	NO
	Program repeat	YES	YES	YES	YES
	Random repeat	YES*1	YES*1	YES	YES
	Program random repeat	YES	YES	YES	YES
Trick play	Still/Step	YES	NO	NO	NO
	Multi-Speed (Forward/Reverse 9-Level Variable)	YES	NO	NO	NO
Time display	Elapsed time display	NO	YES	YES	YES
	Absolute time display	YES*1	NO	NO	YES
	Remaining track time display	NO	NO	YES*1	YES
	Remaining total time display	YES*1	YES*1	YES	YES
	Total number of selections, Total time display	YES*1	YES*1	YES	YES
Others	CX system ON/OFF	YES*2	YES*2	-	-
	AUTO DIGITAL/ANALOG switch	YES*3	YES*3	-	-
	Audio channel selection (Stereo, 1/L, 2/R)	YES	YES	YES	YES

Player function	Intro scan	YES	YES	YES	YES
	Random playback	YES*1	YES*1	YES	YES
	Program random playback	YES	YES	YES	YES
	Auto program/compu program edit	YES*1	YES*1	YES	YES
	Digital Sound for Laser Vision Discs	YES	YES	-	-
	DISPLAY	YES			
	Visual Calender Display	YES			
	Last Memory	YES		NO	

*1 Only discs with TOC
*2 Valid for analog sound playing a disc with the ⓍX mark.
*3 Can only be used with discs with digital sound tracks.
*4 Audio part only

NOTE:
The specifications and design of this product are subject to change without notice, due to improvement.

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SN29341683 01-19-500-ASA Printed in Japan E